

AMENDMENTS TO THE DRAWINGS

Please enter the revised Fig. 1 and new Fig. 2 attached hereto.

REMARKS

Reconsideration of the present application is respectfully requested.

Claims 3 and 9 are objected as being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Applicant thanks the Examiner for the indication that claims 3 and 9 contain patentable subject matter.

In response to the objection to the drawings the Applicant has included a new figure labeled as FIG 2. FIG. 2 shows schematically a surface treatment on a surface of a nut. The original drawing has been marked to indicate it as FIG. 1. The specification has been amended to provide a brief description of the drawings. In addition, the specification has been amended to add a reference to Fig. 2 and to correct a minor typographical error. Withdrawal of the objection to the drawings is respectfully requested.

Claims 1-2, 4-8, and 10-17 are rejected under 35 U.S.C. §102 as being anticipated by U.S. Patent No. 4,519,747 to Yamazaki et al. The applicant respectfully traverses this rejection. The law is well settled that the Commissioner, through the Examiner, bears the initial duty of supplying the factual basis supporting a rejection of a patent application, including the rejection under 35 U.S.C. §102. See, In re Warner, 154 U.S.P.Q. 173, 177 (C.C.P.A. 1967). Not only does a rejection founded under 35 U.S.C. §102 "require[s] the disclosure in a single prior art reference of each element of the claim under consideration" (See, W.L. Gore and Assocs. Inc. v. Garlock, 220 U.S.P.Q. 303, 313 (Fed. Cir. 1983)) but it further requires that "each and every element of the

claimed invention, [must be] arranged as in the claim." See, Lindemann Maschinenfabrik GMBH v. American Hoist and Derrick Co., 221 U.S.P.Q. 481, 485 (Fed. Cir. 1984). "The identical invention must be shown in as complete detail as contained in the . . . claim." Richardson v. Suzuki Motor Co., 9 U.S.P.Q. 2d 1913, 1920 (Fed. Cir. 1989).

Independent claim 1 requires that "at least one of said radial surfaces is treated to increase its co-efficient of friction with respect to the other surface." This increase in the co-efficient of friction is done to increase resistance to the compressor wheel slipping without any increase in clamping load. Yamazaki '747 does not disclose, teach or suggest the treatment of a radial surface of a component to increase the co-efficient of friction of the radial surface relative to a mating component.

In contrast Yamazaki '747 discloses a washer having a circular projection 10 or 11 that is concentrically formed around a hole into which the shaft is inserted. In one form Yamazaki '747 discloses that the circular projection is a continuous circle as in FIG. 5a and in another form is a partially discontinuous circle as in FIG. 5b. Yamazaki col. 3, lines 29-34. Upon tightening of the nut 8 the projections 10 or 11 are forced into the end walls of the impeller 3 and thereby cause the end walls of the impeller 3 to deform as shown by feature number 12 in Fig. 4. Yamazaki col. 3, lines 44-47. The deformation is desired in order to minimize or eliminate the clearance between the shaft and the impeller at the point of deformation as indicated by feature number 12.

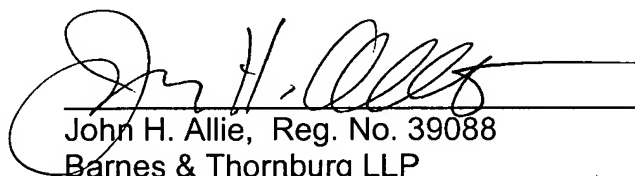
The relatively large projections 10 or 11 certainly have an effect on the shape of the surface but do not have a direct effect on the coefficient of friction of the surface. The Applicant respectfully urges the Examiner to consider that a washer formed with a

macro circular projection such as 10 or 11 is quite different than treating a surface to increase the co-efficient of friction of that surface. Withdrawal of the §102 rejection of claim 1 is respectfully requested as Yamazaki fails to disclose each and every limitation of claim 1.

Independent claim 7 requires “ treating at least one of said radial surfaces to increase its co-efficient of friction with respect to the other.” The remarks set forth above in regard to independent claim 1 are equally applicable to independent claim 7. Withdrawal of the §102 rejection of claim 7 is respectfully requested as Yamazaki fails to disclose each and every limitation of the claim.

Dependent claims 2-6 and 8-17 are at least patentable as they depend from independent claims that are believed allowable over the cited references. The Examiner is respectfully requested to further examine the present application and issue a Notice of Allowability for claims 1-17.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John H. Allie", is written over a horizontal line.

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